

**WHAT IS CLAIMED IS:**

1. A female screw mechanism in which an insert formed by coiling a wire having a rhombic cross section is attached to a female screw of a component, wherein  
5 the diameter of at least one turn at one end of the insert on the side for the insertion of a male screw into the insert is smaller than the diameter of the male screw, and  
the other end of the insert is fixed to a part of  
10 the component.
2. A nut having the female screw mechanism according to claim 1.
3. The nut according to claim 2, wherein the other end of the insert is fitted in a depression in  
15 the nut for use as means for fixing the insert to the nut.
4. The nut according to claim 2, wherein the means for fixing the insert to the nut is integrating means such as welding or adhesive bonding.
- 20 5. The nut according to claim 2, wherein the means for fixing the insert to the nut is frictional force between the insert and the female screw.